

The Analytical Use of Potassium Manganate Hydrolysis,  
by S. F. Zevgorodny, 4 pp., UNCLASSIFIED

RUSSIAN, per, Zhur Anal Khim, Vol VIII, No 3, 1953,  
pp 172-174.

Consultants Bureau

17-167  
Scientific - Chemistry

Use of the Compound  $\text{AlCl}_2 \cdot \text{H}_2\text{PO}_4$  as Catalyst  
in the Alkylation of Aromatic Hydrocarbons  
with Olefins, by S. V. Zavgorodniy,  
T. B. Gonsovskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,  
No 3, 1961, pp 726-730.

CB

195,174

Sci

Refile May 62

A Study of the Mechanism of the Autoxidation of  
Polyalkylbenzenes Liquid Phase Autoxidation of  
Isopropyl-O-Xylenes, by R. N. Volkov,  
S. V. Zavgorodniy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,  
1961, pp 2629-2634.

CB

205,274

Sci  
Jul 62

Alkylation of 4-Bromophenol with Propylene and  $\beta$ -Amylene in the Presence of  $\text{HF}_3 \cdot \text{H}_3\text{PO}_4$  and  $\text{HF}_3 \cdot \text{O}(\text{C}_2\text{H}_5)_2$  Catalysts, by S. V. Zavgorodniy, V. G. Kryuchkova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, pp 1340-1343.

Consultants Bureau

Sci

Jun 60

117, 623

Alkylation of Aromatic Compounds with Dienic  
Hydrocarbons. Alkenylation of Anisole with  
Piperylene, by E. A. Vdovtsova, S. V. Zav-  
gorodny, 4 pp.

1451

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXIII, No 3,  
pp 590-593.

Consultants Bureau

Sci - Chem  
Aug 58

69, 068

Synthesis of 1, 4-Diisopropylbenzene and Some of Its Derivatives, by S. V. Zavgordchikov et al.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 5, 1958, pp 1279-1284.

ATS RJ-1663

Sci - Chem

Jul 59

90, 845

Conjugated Systems. CXIII. Synthesis and Properties  
of 1, 3-Enyne Stannahydrocarbons  
By V. S. Zavgordniy and A. A. Petrov pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,  
1962, pp. 3527 - 3531

CB

Sci

344,703

Aug 63

Boron Fluoride as a Catalyst in Organic Chemistry.  
XIII. Alkylation of 2- and 4-Bromophenols by Pseudo-  
butylene and Cyclohexene in the Presence of the  
Catalysts  $\text{BF}_3 \cdot \text{H}_3\text{PO}_4$  and  $\text{BF}_3 \cdot \text{O}(\text{C}_2\text{H}_5)_2$ , by S. V.  
Zavgorodny, and V. G. Kryuchkova, 5 pp.  
<sub>4</sub>

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 2,  
1957, pp 330-334.

<sub>3</sub>

Consultants Bureau

Sci - Chem

Jul 58

67,217

Boron Fluoride as a Catalyst in Organic Chemistry. II.  
Alkylation of Anisole With Pseudobutylene. by S. V.  
Zavgordny, M. N. Gostev, 4 pp.

Fall tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 11,  
1954, pp 2002-2005. CIA 542761-C, reel 3.

Consultants Bureau

37,736

Sci - Chemistry

Aug 56 CMS

Zaygorodniy, S. V. BORON FLUORIDE AS A CATALYST IN ORGANIC CHEMISTRY. IV. CONDENSATION OF PHENOL WITH BUTENE-2. [1960] 14p. 2 refs. T/L 731; M2072. Order from LC or SLA mif\$2.40, ph\$3.30 61-13429  Trans. of Zhurnal Obshchey Khimii (USSR) 1946, v. 16, p. 1495-1504.	61-13429  1. Boron fluorides--Catalytic properties 2. Phenols--Synthesis 3. Butenes--Synthesis I. Zaygorodniy, S. V. II. Title: Condensation... III. Trans-TL-731 IV. DSIR LLU M. 2072
(Chemistry--Organic, TT, v. 5, no. 3)	Office of Technical Services

Cathodic Reduction of Magnetite, by V. P. Galushko,  
E. F. Zavgorodnyaya, L. K. Gayvoronskaya, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 7, 1960,  
pp 1546-1551.

GB

Sci

165, 697

Aug 61

Controlling the Degree of Oxidation of Coking  
Coals, by V. G. Zashkvara, E. S. Krym, 14 pp.

RUSSIAN, per, Izvestiia Akademii Nauk SSSR.  
Otdelenie Tekhnicheskikh Nauk, No 12, 1953,  
pp 1819-1825.

SAC Trans Center RT-3262

Scientific - Technology Fuels  
32,790

Apr 56

1749-III

The Question of Radioactive Potassium Content in  
Urban Sewage, by L. B. Doliva-Dobrovolskaya,  
P. S. Zavel'skiy, 5 pp.

RUSSIAN, per, Medit Radiol, Vol III, No 3,  
Moscow, May/Jun 1958, pp 65-67.

US JPRS Tr L-577-III

Sci - Medicine  
Jan 59

78336

Zavgorodnii, S. V.  
HYDROPEROXIDES OF ALKYLAROMATIC HYDRO-CARBONS AND THEIR DERIVATIVES. [1961] 46p.  
Order from ATS \$59.60 ATS-61N52R

Trans. of *Uspekhi Khim*[USSR] 1961, v. 30, no. 3,  
p. 345-385.

DESCRIPTORS: \*Hydroperoxides, Synthesis, Hydrocarbons.

61-25199

- I. Zavgorodnii, S. V.
- II. ATS-61N52R
- III. Associated Technical Services, Inc., East Orange, N. J.

ATS? KJ-3229

(Chemistry--Organic, TT, v. 6, no. 7)

Office of Technical Services

Boron Fluoride as a Catalyst in Organic Chemistry.  
IX. Alkylation of o- and p-Chlorophenols With  
2-Pentene in Presence of Boron Fluoride Etherate,  
by S. V. Zavgorodny, E. M. Faustova, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 10, USSR, Oct 1953, pp 1651-1653. CIA D 51002

Consultants Bureau

Scientific - Chemistry

21, 602

CTS 64/Jan 55

Reaction of Boron Fluoride Etherate With Organic  
Carboxylic Acids and Phenol, by S. V. Zavgorodny.  
2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,  
1952, pp 1781-1882.

7

Consultants Bureau

Scientific - Chemistry

14,487

Boron Fluoride as a Catalyst in Organic Chemistry. XIII.  
Alkylation of Benzene by Pseudobutylene Using a  $\text{BF}_3 \cdot \text{PO}_4$   
Catalyst, by S. V. Zavgorodny, L. S. Shvetsova, B. S.  
Khromykh, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,  
1956, pp 2180-2183.

4 Consultants Bureau

56, 514

Sci - Chem

Dec 57

Liquid-Phase Autoxidation of Triisopropylbenzenes, by R. N. Volkov, S. V. Zavgorodniy,  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,  
1959, pp 3672-3676.

GB

Sci  
Nov 60

132, C 88

Alkylation of p-Diisopropylbenzene With Propylene in  
the Presence of  $\text{BF}_3 \cdot \text{H}_2\text{PO}_4$  Catalyst, by S. V.  
Zavgorodniy, R. N. Volkov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1447-1449.

Consultants Bureau

Sci

Jul 60

120,435

Autoxidation of Isopropylcyclohexane with  
Atmospheric Oxygen, by O. V. Sigov and  
S. V. Zavgorodniy, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,  
1962, pp 562-566.

CB

Sci

Feb 63

234, 020

Arylalkylation of Anisole With Styrene and  
 $\alpha$ -Methylstyrene in the Presence of  
 $BF_3 \cdot H_3PO_4$  and  $BF_3 \cdot O(C_2H_5)_2$ , by  
S. V. Zavgorodniy, E. V. Alisova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,  
No 6, 1961, pp 1367-1370.

CB

Sci

200, 810

Jun 62

Alkylation of Biphenyl With Pseudobutylene  
[2-Butene] in the Presence of  $BF_3 \cdot H_2PO_4$ , Catalyst,  
by S. V. Zavgorodniy, V. I. Sidel'nikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII:III, No 1,  
1958, pp 95-98.

Consultants Bureau

Sci - Chem

Jun 59

88, 825

Boron Trifluoride as a Catalyst in Organic Chemistry. VI. Reaction of o-Chlorophenol With Cyclohexane, by S. V. Zavgorodny. 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 11, 1952, pp 1995-1997.

Consultants Bureau

12,206

Scientific - Chemistry

May CTS/DEX

Improvement of Pay of Labor on Kolkhozes  
(Based on Kolkhozes of Voronezhsk Oblast),  
by V. Zavgorodniy, 8 pp.

RUSSIAN, per, Ekonomika Sel'skogo Khozvaystva,  
No 8, 1962, pp 100-104.

JPRS 16119

USSR  
Econ  
Nov 62

217, 363

(SF-2036)

Our Sunny Region, Economy and Culture in the  
Khersonskaya Oblast During the Years of Soviet  
Power, by V. P. Zaygorodnyy, A. P. Kosikarev,  
96 pp.

RUSSIAN, bk, Nash Solnechnyy Kray, 1960,  
pp 3-125.

JPRS 11363

171, 486

USSR  
Econ  
Jan 62

Results of Geophysical Works in Research of  
Plutonic Geology Connected With the Problem of Oil  
Contents in Certain Regions of Ukrainian SSR, by  
V. S. Zavialovskiy.  
RUSSIAN, M., KIEV, 1939.  
ACIC  
TC-385

Sci - Earth Sci & Astron  
Sept 64

Reconnaissance Work in the Transcaucasus, by Zavich,  
3 pp.

2

RUSSIAN, per, Geodezist, Vol XXVIII, No 9, 1957,  
p 41.

FDD/X-3722

USSR  
Geo  
Sci - Geophys  
Sep 59

Investigating Low-Sulfur Extracts of Selective Oil Purification  
And the Product of Their Thermal Cracking, by V. I. Zavidov,  
Z. V. Fedoreva, 9 pp.  
RUSSIAN, ber. Khim i Tekh Topliv i Masel, No 9, 1963,  
pp 23-27. 9691543

PTD-TT-68-1152

Sci - Chem  
Mar 64

251.056

Enriched Media Used for Streptomycin Fermentation, by E. I. Surikova, G. F. Zavileyiskaya,  
M. T. Dygern, G. D. Pestereva, 6 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4, 1959,  
pp 12-16.

CB

164,402

Sci

Aug 61

Protective Action of Acridine Orange at  
the UV-Irradiation of Bacterial DNA of  
Bacteriophage  $\lambda$  phi-7, by G. B. Zavilgelskii,  
B. N. Ilyashenko, E. E. Mazyat, O. N.  
Budchenko, Sp.  
RUSSIAN, per, Doklady Akademii Nauk  
SSSR, Vol 155, 1964, pp 937-9.  
CIA/CII AW/Trace-146

G. B. Zavilgelskii

332, 255

Sci  
Jul 67

Results of Geophysical Works in Research  
in Plutonic Geology Connected with the  
Problem of Oil Contents in Certain  
Regions of Ukrainian SSR, by V. S.  
Zavistovskii, 32 pp.  
RUSSIAN, per, Trudy, Akademiya Nauk  
URSS, Kiev. Institut Geologicheskikh  
Nauk, Vol 12, 1939, pp 163-178.  
OTS TT-64-19741

V. S. Zavistovskii

336,296

Aug 67  
Sci

Production of Thin Layers of Yttrium Oxide by  
Electrophoresis, by Ya. S. Zavitskaya, L. D.  
Orlovskaya, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 10,  
1960, pp 2222-2224.

CB

Sci

168, 886

Sep 61

Interaction of Phosphorus Acid Chlorides with Bifunctional Organic Compounds. I. Interaction of Chlorides of Phosphorus Acids with Fatty Hydroxyamines, by M. A. Sokolovskiy, P. M. Zavlin, 3529 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 11, 1960,  
pp 3562-3564

CB

Sci  
Oct 61

177, 523

Conversions of Triphenylmethane Dyes in  
Acid Media. I. Determination of Basicity  
Constants of Amino Groups in the Cations of  
Dyes, by O. F. Ginzburg, P. M. Zavlin, & 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX,  
No 5, 1960, pp 1479-1484.

CB

164, 663

Sci

Jul 61

Dyes with Antipyrine Nuclei. VI. Dyes with One  
Antipyrine Nucleus, by O. F. Ginsburg, D. V.  
Toffe, P. M. Zavlin, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,  
1959, pp 519-521.

Consultants Bureau

Sci

Apr 60

112,346

The Hydrolysis of Malachite Green Derivatives Containing  
Methyl and Sulfo Groups, by O. F. Ginzburg, P. M.  
Zavlin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957,  
pp678-680.

\*  
Consultants Bureau

Sci - Chem  
Aug 58

69, 171

Sodium Orthonitobate, by A. V. Lepitsky, G. E.  
Zavodnaya, 2 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 7, 1955, pp 1263-1264.

Consultants Bureau

Scientific - Chemistry  
May 56 CTS/dex

344 236

27  
New Variant of Colorimetric Determination of Low  
Amounts of Hydrogen Sulphide in Mineral Waters,  
by S. S. Zavednov.  
RUSSIAN, per, Khromaticheskie Materialy, Vol  
35, 1963, pp 203-206.  
NLL RIS 3534

Sci-Chem  
Rev 67

S.S. ZAVEDNOV

345,324

(FY-5443)

Establishment of the East Slovak Branch of the  
Slovak Geographic Society, by Jan Zavodny, 5 pp.

SLOVAK, per, Geograficky Casopis, Vol XIII, No 3,  
1960, pp 225, 226.

JPRS 7792

EEur - Czechoslovakia

Geog

Mar 61

1444, 211

Bibliographic Index to Literature on  
Aerospace Medicine and Bioastronautics  
Published in the USSR 1962-1964, by L I  
Boreva, E M. Zavodovskaya  
RUSSIAN, per 15th Int. Astronaut. Congr.  
Warsaw 1964 (7-12 Sept.)  
HIL/GO15.49 1965 (TT F-270)

E.M.ZAVODOVSKAYA

Sci -  
Aug 67

337-613

Arylmethane Dyes, III. Some Relations Between the  
Structure and Acid-Base Properties of Triphenylmethane  
Dyes  
By O. F. Ginzburg and P. M. Zavlin pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,  
1952, pp. 3559 - 3561

CB

Sci

344,697

Aug 63

Utilization of the Method of Tagged Atoms in the  
Study of Trophic Disturbances of Mucous Coat of  
the Stomach, by I. S. Zavodskaya, 6 pp.

RUSSIAN, per, Trudy Vses Konfer Med Radiol,  
Eksper Med Radiol, Moscow, 1957, ff. 528-533.

AEC Tr 3661

Oct 59

Changes in the Speed of Incorporation of Methionine  
<sup>35</sup> Into the Protein of the Mucosa During Experi-  
mental Gastric Ulcer, by I. S. Zavodskaya, 4 pp.

Full tr

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLI,  
No 1, Jan 1956, pp 46-48.

Consultants Bureau

42, 054

Sci - Medicine  
Dec 56 CIS

Effect of Pitch and Angle of Guide Blades on the  
Operation of a Turbine Stage, by A. M.  
Zavodovskiy.

RUSSIAN, per, Ek Teploenergetika, No 4, 1961,  
pp 28-30.

NLL M. 3584

Sci - Engr

207, 782

Jul 62

VHF COMMUNICATIONS IN AIR TRANSPORTATION, BY  
KAREL ZAVODSKY, 11 PP.  
CZECH, PER, LITECKY GAZDOR NO 12, 1962, PP 390-392.  
JPRS 19480

EDUR - CZECHOSLOVAKIA  
ECON.  
JUN 63

131,556

WEST IRIAN, BY I. A. ZAVODSKIY, 32 PP.  
RUSSIAN, PAMPHLET, ZAPADNYI IRIAN, MOSCOW, 1962,  
PP 1-32.

JPRS 18358

FE - NEW GUINEA  
GEORG  
MAR 63

225-586

Collective Interactions and the Production of a High-  
Temperature Plasma, by E. K. Zavoiskii, 8 pp.  
RUSSIAN, per, Atom Energiya, Vol XIV, No 1, 1963,  
pp 57-65.

CB

Sci  
Jan 684

249, 269

A Source of Polarized Nuclei for Accelerators, by E. K.  
Zavoiskiy, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,  
No 12, Nov 1957, pp 731-735.

Amar Inst of Phys  
Sov Phys-JETP  
Vol V, No 4

58,076

Sci - Physics  
Jan 58

Maximum Amplification Factor and Noise of Photo-  
multipliers, by E. K. Zavoiskiy, M. M. Butslov,  
G. E. Smolkin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,  
No 5, Nov-Dec 1956, pp 996-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 6

53, 393

Sci - Physics  
Oct 57

Use of Light Amplifiers for Spectroscopic  
Investigation of Weakly Luminous Plasmas,  
by V. F. Bolotin, E. K. Zavolokiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXVII, No 7, 1963, pp 986-996.

CPT

Sci  
Aug 64

264,825

<p>Zavoiskii, E.K., Butslov, M.M. and Smolkin, G.E. FACTEUR D'AMPLIFICATION MAXIMUM ET BRUIT DES PHOTOMULTIPLICATEURS (Maximum Amplification Factor and Noise of Photomultipliers). 12p. (English translation included) 7refs. CNRS-X 439. Order from OTS; ETC or CNRS \$1.60 TT-62-29100  Trans. in French of Akademiya Nauk SSSR. Doklady, 1956, v.111, no.5, p.996-999.  DESCRIPTORS: *Photomultipliers, Noise.</p> <p>(Engineering--Electronic, TT, v. 11, no. 11)</p>	<p>TT-62-29100</p> <p>I. Zavoiskii, E.K. II. Butslov, M.M. III. Smolkin, G.E. IV. CNRS-X 439 V. Centre National de la Recherche Scientifique, Paris</p> <p>Office of Technical Services European Translations Centre</p>
--	--

Paramagnetic Resonance, by E. K. Zavoiskiy, S. A.  
Al'tshuler, B. M. Kozyrev, 7 pp.

russian, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 11, 1956, pp 1199-1207.

Columbia Tech

58,034

Sci - Phys  
Jan 58

Experience in Programmed Instruction in Foreign Languages, by V. Pesbekhonova, A. Zavolok, 9 pp.  
UKRAINIAN, per, Radyans'ka Shkola, Vol XLII,  
No 5, 1963, pp 48-51.

JPRS 24285

Sci - Misc  
May 64

257, 033

The Use of Electron-Optical Light Amplifiers in  
Spectroscopic Investigations of a Weakly Luminous  
Plasma, by V. F. Bolotin, E. K. Zavoyskiy, M. N.  
Oganov, 10 pp.

RUSSIAN, bk, O Primenenie Elektronoopticheskikh  
Ustroiteley Sveta dlya Spektroskopicheskikh Issledovanii  
Slabosvetyashchey Plazmy, 1960. 9094463

AEC Tr-4762

176,796

Sci - Phys  
Dec 61

The Comparative Therapeutic Action of  
Strophanthin and Cymarin in Experimental  
Myocarditis, by V. I. Zavrazhnov, 8 pp.

RUSSIAN, per, Farmakol i Teknikol, Vol XXI,  
No 3, 1958, pp 18-24.

Consultants Bureau

Sci - Med

Apr 59

85,626

S-4389

(DC-2015)

Society of Young Chemists, by S. Zavoloka, 3 pp.

RUSSIAN, thrice-wk np, Uchitel'skaya Gazeta, No 59,  
Moscow, 17 May 1958, p 2.

US JPRS/DC-L-628

USSR  
Soc + Education

69, 5-71

S-4389-d

Society of Young Chemists, by S. A. Zavoloka.

RUSSIAN, np, Uchitel'skaya Gazeta, No 59, col 6-7, p 2,  
17 May 1958.

On One Method of Constructing Analog-to-Digital  
Transformers, by A. K. Zavolokin, G. I. Kurakhtanov,  
4 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 6,  
1960, pp 902-906.

Instru Soc of ~~USSR~~

Sci

Feb 61

138, 259

The Classification of Analog-to-Digital Converters,  
by A. K. Zavolokin, 23 pp.

RUSSIAN, bk, Trudy Konferentsiya po Voprosam  
Teoriya i Primeneniye Diskretnykh Avtomati-  
cheskikh Sistem, 1960. 9676749-V

FID MCL-1253/1

Sci - Phys

196, 086

16 May 62

A Numerical-To-Electrical Converter, by

A. K. Zavolokin, 4 pp.

RUSSIAN, per, Automat i Telemekh, Vol XXI, No 2,  
1960, pp 260-265.

Instru Soc of Amer

Sci

Nov 60

134,611

(18-5965)

Coal & Economy in Czechoslovakia, by J. Zavordka,  
4 pp. OFFICIAL USE ONLY

CZECH, per, Technicka Praca, Vol XII, No 11,  
1960, pp 985-986.

JPRS 11468

EEUR - Czechoslovakia  
Econ  
Jan 62

180, 192

The Mechanism of Formation of Petroleum Emulsions,  
by V. G. Benkovsky, N. D. Zavorokhin, 6 pp.

Full translation.

RUSSIAN, per, Kolloid Zhur, Vol XIV, No 1, Jan -  
Feb 1952, pp 15-19.

Consultants Bureau  
152 West 42 Street  
New York 18, N.Y.

Scientific - Chemistry Aug 53 CTS/DEX

4484

Adsorption of Carboxymethylcellulose on Clays, by  
N. A. Zavorokhina, V. G. Benkovsky, 4 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 5,  
Sept/Oct, pp 536-539.

1956,

Consultants Bureau

Sci - Chemistry  
S<sub>e</sub>p 57

52, 845

<p>Zavorokhina, N. A. and Ben'kovskiy, V. G. THE MECHANISM OF STABILIZATION OF CLAY SUSPENSIONS [DRILLING MUDS] BY THE SODIUM SALT OF CARBOXYMETHYL-CELLULOSE. [1961] 8p. Order from ATS \$14. 60 Trans. of Akad[emiya] Nauk Kazakh[skoy] SSR [Alma- Ata]. Inst[itut] Nefti. Trudy, 1958, v. 2, p. 53-60.  (Chemistry--Physical, TT, v. 5, no. 12)</p>	<p>61-22384</p> <p>1. Drilling fluids-- Stabilization 2. Carboxymethylcellulose-- Applications I. Zavorokhina, N. A. II. Ben'kovskiy, V. G. III. ATS-91N50R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
--	---

Organosilyl Esters of Acetic and Isobutyric  
Acids, by D. N. Andreyev, G. I. Zavorotnova,  
2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 4, USSR, 1954, pp 707, 708. CIA D 151337

Consultants Bureau

Scientific - Chemistry

24, 607

CTS 69/Jun 55

Magnetic Spectrum Analyzers, by, E. K. Zavoyoskiy,  
V. A. Skoryupin, ~~pp=5~~ 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,  
No 2, 1961, pp, 426-432

AIP  
SOV Phys-JETP  
Vol XIII, No 2

167, 519

Sci  
Aug 61

A Method of Measuring Atomic and Molecular  
Excitation Potentials, by E. K. Zavoysky, 15 p.

RUSSIAN, p ex, Zhur Eksp t i Teoret Fiz , 1936, Vol VI, No.  
No 1, pp 37-51.

AUS-73L32R

Sci  
Jea 60  
Vol 2, No 8

185 667

The Investigation of Ultrafast Light Processes,  
by S. K. Zavoykiy, S. D. Panchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 4,  
1954, pp 651-664.

CCP-1251FF

Sci  
Nov 59  
Vol 2, No 3

101,523

On the Application of Multistage Electron-  
Optical Image Amplifiers in Astrophysics, by  
M. M. Butslov, K. K. Zavozskiy, A. A. Kalinyak,  
V. B. Nikonov, V. V. Prokofyeva and G. E. Smolkin,  
5 pp.

RUSSIAN, <sup>9</sup>per, Dok Ak Nauk SSSR, Vol CXXI, No 5,  
1958, pp 815-818.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 4

Sci - Phys

91, 954

Investigation of the Time-Resolving Power of  
Plane-Parallel Spark Counters, by E. K. Zavolsky,  
G. E. Smolkin, ~~5PP~~

RUSSIAN, bimo per, Atomnaya Energiya, Vol I, No 4,  
1956, pp ~~45-50~~. 46-50.

Consultants Bureau

Sci - Nuclear Physics  
Mar 57 CTS

45, 190  
Mar 57 57/0191  
GZ

Growth of a Steam Bubble Moving in a Liquid Heated  
in Volume, by V. K. Zavoyskiy.

RUSSIAN, per, Atomnaya Energiya, Vol X, No 5, 1961,  
pp 272-274.

FTD-TT-61-514

Sci-Nuc Phys  
Jan 63

218,705

Results of the Action of Radiation on the Diffusion  
of Silver in Lithium, by V. K. Zavoysky, B. V.  
Ershler, 7 pp.

Full translation.

RUSSIAN, bk, Conference of the Acad of Sci of the  
USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul  
1955, Session of the Div of Physico-Mathematical  
Sciences,

GPO

Consultants Bureau  
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New York 11, N.Y.

35,392

Sci - Nuclear Physics  
\*87 rpts for \$350.00

The Remanent Magnetization of Ferruginous Quartzites  
in the Southern Closure of the Krivoi Rog  
Synclinorium, by V. N. Zavoyski, Z. A. Krutikhovskaya,  
5 pp..

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Geofiz, No 8,  
1961, pp 1150-1157.

AGU

Sci

183, 957

Mar 62

Investigation of Ultrafast Light Processes, by E. K.  
Zavolsky, S. D. Fanchenko.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol 6, No 4,  
p 661. - 3. 775

AEC TR 2568  
Consultants Bureau

Scientific - Physics

25,812

Physical Fundamentals of Electron-Optical  
Chronography, by E. K. Zavoyaskiy, S. D.  
Fanchenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CVIII, No 2, 1956, pp 218-

Amer Inst of Phys  
Sov phys "Doklady"  
Vol 1, No 3

57, 585

Sci - Phys  
Aug 57

On the Intermolecular Transfer of Excitation  
Energy in Crystals, by E. K. Zavoyakiv, G. E.  
Smolkin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CXI, No 2, 1956, pp 328-330.

TMW: D. J. Johnson

SLA Tr R-418

Sci - Chem  
Jul 57

49,943

Luminescent Chamber, by E. K. Zayovskiy, M. M. Butslov, A. G. Plakhov, G. E. Smolkin, 4 pp.

RUSSIAN, bimo per, Atomnaya Energiya, Vol I, No 4,  
1956, pp ~~26-29~~. 34-37.

Consultants Bureau

Sci - Nuclear Physics  
Mar 57 CTS

45-188

Scanned by DIA

Brilliant Flight, by Ya. Zavoyskiy.

RUSSIAN, np, Komsomol'skaya Pravda, 26 Mar 61,  
XXXX

FTD-TT-61-467

Sci-Space Res  
Dec 62

218, 391

(FDD 24352)

The Luminescent Chamber, by Ye. K. Zavoyakiy,  
G. Ye. Smolkin, A. G. Plakhov, M. N. Butalov,  
3 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. C,  
No 2, Moscow, 11 Jan 1955, pp 241, 242.

Trans No 66  
Univ. of Melbourne CIA/FDD/U-6937 23,294  
USSR Sci Mus 56/3792  
Sci - Nuclear Physics, counter techniques (WAK)  
CTS 66/Mar 55

The Effect of Baroamyl on the Course and Outcome  
of Experimental Myocarditis, by V. I. Zavrazhnov,  
5 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXII, No 6,  
1959, pp 499-503.

CB

Sci  
Sep 60

126,265

The Comparative Therapeutic Effect of  
Metacil and Fentoxyl in Experimental  
Myocarditis, by V. I. Zavrazhnov, 5 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXXI,  
No 1, 1959, pp 48-51.

Consultants Bureau

Sci

Mar 60

110, 715

Wideband Transistor Amplifier, by Yu. V.  
Zavrazhnov, Yu. G. Kryukov, 15 pp.  
~~tut Vol XVI~~  
RUSSIAN, per, Elektrosvyaz', No 10, 1961.

PP 40-41.

AT&T

JPRS/DC - 6606

Sci

Jul 62

202,610

Isolation of Uranium as Ammonium Urenyl Phosphate  
and Its Gravimetric Determination by Calcination  
to  $U_2O_3P_2O_7$ , by A. E. Klyudin, D. M. Zverashkova,  
6 pp.

MESSIAH, per, Zhur Anal Nizm, Vol IVZ, No 3,  
1961, pp 297-302.

CB

Sci

201,850

Jun 62

7928

J-1493

I Came From Budapest, by Col Ludvik Zavrel, 47<sup>th</sup>.

CZECH, d np, Obrana Lidu, Vol XV, No 270, Prague,  
6 Nov 1956, p 2.

CIA/FDD/act- 7928

EEur - Hungary  
Pol

no cts

7929

J-1493

I Came From Budapest, by Col Ludvik Zavrel, 4/11<sup>2</sup>.

CZ ECH, d np, Obrana Lidu, Vol XV, No 268, Prague,  
4 Nov 1956, p 1.

J CIA / ADD/ 20-7929

EEur - Hungary  
Pol

no cts

~~SECRET~~ 7930

J-1493

What I Say<sup>w</sup> in Budapest, by Col Ludvik Zavrel, 3 pp.CZECH, wk np, Obrance Vlasti, Vol V, No 45, Prague,  
9 Nov 1956, p 6.

CIA/FDO/2CT- 7930

EEur - Hungary  
Polcts

SMT Apparatus for Determination of the Crease  
Resistance of Fabrics, by R. Zafirov.  
RUSSIAN, per, Textile Industry, USSR, No. 4, 1964  
pp 67-68  
CSIRO/ No. 7387

R. ZAFIROV

Sci -  
Aug 67

337-092

Debye Approximation in the Theory of Vibrations of Lattice with Defect Pseudolocal Vibrations, by G. Zavt, <sup>121</sup>  
Bul. Akad. Nauk SSSR Inst. Fiz. i Astronom., No 27, 1964, pp 69-84.  
ALL 5828.4F 1966 (11590)

G. Zavt

Sci-Phys  
Astr 67

522,789

Distortion of Crystal Vibrations by Defects, by  
G. S. Zavt, 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 7, 1963,  
pp 1946-1957.

Amer Inst Phys  
Sov Phys - Solid State  
Vol V, No 7

Sci  
Jan 64

249, 251

to Condon Approximation and the Optical Properties of  
Impurity Centers, by N. N. Kristofel', G. S. Zahavt, 5 pp.

ISSIAN, per, Fiz Tverdogo Tela, Vol V, No 5, 1963,  
, 1279-1285.

-66  
AMER INST of Phys  
Sov Phys - Solid STATE  
Vol V, No 5  
241,741

Synthesis of 3,3'-Dinitrobenzidine and the Analytical  
Reagents Araenazo II, Toron II, and Phenazo, by V. I.  
Kuznetsov, S. B. Zavvin, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 10,  
1959, pp 2329-2331.

CB

Sci

Sep 60

127,374